Product datasheet
Characteristics

XCRA15
limit switch XCR - thermoplastic spring return roller lever large - 2X(1NC+NO)

Main

Range of product	OsiSense XC
Series name	Special format
Product or component type	Limit switch
Product specific application	For hoisting and mechanical handling applications
Device short name	XCR
Sensor design	-
Body type	Fixed
Head type	Rotary head
Material	Metal
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Thermoplastic spring return roller lever (large)
Type of approach	2 directions lateral approach
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm²
Number of poles	4
Contacts type and composition	2 x (1 NC + 1 NO)
Contacts operation	Snap action
Contact block per direction (control circuit)	2 per direction
Positive opening	With

Complementary

Body material	Zinc alloy
Switch actuation	By any moving part
Cable entry	1 entry tapped for Pg 13.5 cable gland, cable outer diameter: 9...12 mm conforming to NF C 68-300
Contacts insulation form	Zb
Number of steps	1
Positive opening minimum torque	0.75 N.m
Minimum torque for tripping	0.45 N.m
Minimum actuation speed	0.01 m/min
Maximum actuation speed	1.5 m/s
Maximum displacement angle	55 ° -55 °
Contact code designation	A300, AC-15 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	500 V degree of pollution 3 conforming to IEC 60947-1 500 V degree of pollution 3 conforming to VDE 0110 300 V conforming to CSA C22-2 No 14 300 V conforming to UL 508
Resistance across terminals	<= 25 MOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1
Short circuit protection	10 A by gG cartridge fuse
Electrical durability	5000000 cycles, DC-13 inductive load type, 120 V, 4 W, load factor: 0.5, operating rate: <= 60 cyc/mn 5000000 cycles, DC-13 inductive load type, 24 V, 7 W, load factor: 0.5, operating rate:

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	<= 60 cyc/mn 5000000 cycles, DC-13 inductive load type, 48 V, 10 W, load factor: 0.5, operating rate: <= 60 cyc/mn
Mechanical durability	10000000 cycles
Width	85 mm
Height	95 mm
Depth	53 mm
Product weight	1155 kg
CAD overall width	85 mm
CAD overall height	192 mm
CAD overall depth	75 mm
Terminals description ISO n°1	(13-14)NO (21-22)NC

Environment

Shock resistance	68 gn conforming to IEC 60068-2-27
Vibration resistance	9 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP54 conforming to IEC 60529
Class of protection against electric shock	Class I conforming to IEC 61140 Class I conforming to NF C 20-030
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Protective treatment	TC
Product certifications	CCC CSA
Standards	CSA C22-2 No 14 EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 NF C 79-130

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1019 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations